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United States Patent [19]

Fiedler

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[54] **REAL-TIME EVENT CHARTING IN AN ELECTRONIC FLOWSHEET**

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[52] **U.S. Cl.** **128/710**; 364/413.03

[58] **Field of Search** 364/413.01, 413.02, 364/413.03, 413.06; 128/710

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Hewlett–Packard Company Brochure entitled "HP CareVue 9000—Now You Can Put Information In Its Place" Copyright 1989 #5959–2497.

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[57] **ABSTRACT**

To improve real time charting of patient information in medical information system for a health care facility, a computer display system, and a method for such a display system, includes a displayed representation of the data sheet of an identified patient in the health care facility. In such a medical information system patient data is stored in data files in a database, wherein each data file in the database is comprised of a plurality of data records. A user positions a cursor on the displayed representation of data sheet provided in the form of an electronic flowsheet, using an input unit, and signals the computer of a selected event. The computer, in response to the signal, determines the selected event from the position of the cursor, determines the current date and time, and accesses a data record or records from the data file based on the selected event and the current date and time. The accessed data record or records may then be modified by entry of a data value associated with the selected event at the current time. Data entry is expedited by the manipulation of the input unit to select the event and to enter a data value in the form of a data value entered by use of the input unit, or by acceptance of a default data value. Further manipulation of the input unit provides implicit acceptance of the entered data value or of a placeholder automatically provided in the absence of an entered data value. Operation of logic filtering is contemplated to enable implicit acceptance of the entered data value.

14 Claims, 6 Drawing Sheets